

CLAIM AMENDMENTS

Please amend the claims as indicated below:

1 (currently amended) Metering module (1) for a pasty products of the type containing a comprising a tank (2) of the pasty product, equipped with means of for pushing the pasty product and a means of for opening and closure, adapted to open and close closing an outlet (3) of said tank, wherein characterized by the fact that the tank is a hollow prism and the means of for pushing consists of a vertical piston (4) that tightly fits in the interior of the tank, coaxial to it thereto, the means of for opening and closing consisting of a lower metering valve (5), whose valve body (6) contains an internal space (7) with a vertical axis (8) communicating with the tank, the with a sealing element (12) of the valve being a closure head (9); and movable between a maximum opening position and a closure position, and that the wherein—a larger base (11) of the sealing element device is essentially flush with the an outlet (31) of the valve, thereby closing the tank.

2 (currently amended) Metering module (1) for a pasty products according to Claim 1, characterized by the fact that said sealing element (12) is integral with an operating rod (13) that moves through the interior of said cylindrical internal space (7) of the valve body (6) and is, in turn, operated by a tappet (14) against the action of a spring (10).

3 (currently amended) Metering module (1) for pasty products according to Claim 1, characterized by the fact that said closure head (9) is in the form of a truncated cone.

4 (currently amended) Metering module (1) for a pasty products according to any of the preceding claims claim 1, characterized by the fact that the tank (2) is cylindrical.

5 (currently amended) Metering module (1) for a pasty products according to Claim 1 any of the preceding claims, characterized by the fact that it contains further including means for purging air occluded in the interior of said tank (2) beneath said piston (4).

6 (currently amended) Metering module (1) for a pasty products according to any of the preceding claims Claim 1, characterized by the fact that it contains further including means for injection of injecting air into the interior of said tank (2), and adapted to separate the piston (4) from the bottom of the tank or from the pasty product in it therewithin.

7 (currently amended) Metering module (1) for a pasty products according to Claim 1, further including characterized by the fact that it contains means of for opening (37, 38) of a container (36) of the pasty product situated inside said tank (2).

8 (currently amended) Metering module (1) for a pasty products according to Claim 7, characterized by the fact that wherein said means of for opening consists of a blade (37), whose cutting edge (38) is situated on the edge of a cylinder that at least partially encloses the output (3) outlet of said tank.

9. (currently amended) Mixing system (100) for pasty products, characterized by the fact that it contains comprising at least one metering module (1) according to any of the preceding claims claim 1.

10 (currently amended) Mixing system (100) for pasty products according to Claim 9, characterized by the fact that it contains comprising at least two metering modules (1) according to the preceding claims claim 1 arranged adjacent to each other along a first horizontal plane, with their corresponding metering valves (5) essentially aligned, and a receiving vessel (15) movable on a means of guiding guide (16), the

vessel being adapted to be stopped beneath each module and to receive a dose of pasty product contained in the module in order to produce the a mixture of pasty products.

11 (currently amended) Mixing system (100) for pasty products according to Claim 9 or Claim 10, characterized by the fact that it contains further comprising means to control for controlling movement of the receiving vessel (15) and metering of the pasty product corresponding to each metering module (1), which must be so that said pasty product is introduced to the vessel as a function of predetermined mixture parameters.

12 (currently amended) Mixing system (100) for a pasty products according to Claim 11, characterized by the fact that wherein said means of for controlling control contains a microprocessor, a computer and/or programmable automatic device, provided with software suitable for this purpose, and conventional means of for interfacing with the user; and which also operates on drive and timing devices of the vessel and on the metering valves (5) of each of the metering modules (1).

13 (currently amended) Process for metering of a pasty products, to be applied in conjunction with a metering module according to any of the Claims 1 to 8 claim 1, or with a mixing system according to any of the Claims 9 to 12; characterized by the fact that it said process contains the stage steps of placing a said pasty product (34) in a container (36) with deformable walls, and the steps of: introducing the closed and full container of the pasty products to the interior of the tank (2); lowering of the piston (4), compressing the container (36) for deformation of its walls against the inside walls of the tank; and opening of the container by a means of opening that to produce an opening (39) in the container contiguous with the tank output outlet (3) in order; to cause the pasty product contained in the container to enter the metering valve (5); under the compressive effects of the piston (4).